

IN THE CLAIMS

1.-15. (Canceled)

16. (currently amended) The process of claim 33 ~~45~~, wherein the step of emitting includes the step of supplying power to an emitter to generate said high power acoustic signal through a domestic power source, such that the number of said high power acoustic signals generated for calls is not limited by the capacity of a power source.

17. (previously added) The process of claim 16, wherein said domestic power source is a charger connected to a household electrical outlet.

18. (previously added) The process of claim 16, wherein said domestic power source is a rechargeable battery attached to a charger connected to a household electrical outlet.

19. (currently amended) The process of claim 33 ~~45~~, wherein the step of autonomously detecting includes the step of detecting said call ~~without modifying electronic circuits of said mobile telephone~~ by detecting a disturbance of an electromagnetic environment of said mobile telephone.

20. (canceled)

21. (currently amended) The process of claim 33 ~~45~~, wherein said mobile telephone comprises a vibrator for generating vibrations to alert said user of said call; and wherein the step of autonomously detecting includes the step of detecting said call ~~without modifying electronic circuits of said mobile telephone~~ by detecting the vibrations generated by said vibrator.

22. (currently amended) The process of claim 33 ~~45~~, wherein the step of autonomously detecting includes the step of detecting said call ~~without modifying electronic circuits of said mobile telephone~~ by using an independent electronic circuit to detect said call from said calling station.

23. (currently amended) The process of claim 33 ~~45~~, wherein the step of autonomously detecting includes the step of detecting said call ~~without modifying electronic circuits of said mobile telephone~~ by detecting acoustic vibrations of a ring generated by said mobile telephone when said call is received.

24. (canceled)

25. (currently amended) The apparatus of claim 34 ~~24~~, further comprising a domestic power source for supplying power to said emitter, such that the number of said high power acoustic signals generated for calls is not limited by the capacity of a power source.

26. (previously added) The apparatus of claim 25, wherein said domestic power source is a charger connected to a household electrical outlet.

27. (previously added) The apparatus of claim 25, wherein said domestic power source is a rechargeable battery attached to a charger connected to a household electrical outlet.

28. (currently amended) The apparatus of claim 34 ~~24~~, wherein said ~~emitter~~ detector comprises a disturbance analyzer for detecting electromagnetic fields surrounding said mobile telephone, ~~thereby detecting said call without modifying electronic circuits of said mobile telephone.~~

29. (canceled)

30. (currently amended) The apparatus of claim 34 ~~24~~, wherein said mobile telephone comprises a vibrator for generating vibrations to alert said user of said call; and wherein said ~~emitter~~ detector comprises a receiver for detecting the vibrations generated by said vibrator, ~~thereby detecting said call without modifying electronic circuits of said mobile telephone.~~

31. (currently amended) The apparatus of claim ~~34~~ 24, wherein said detector comprises an electronic circuit that is independent of said mobile telephone.

32. (previously added) The apparatus of claim ~~34~~ 24, wherein said ~~emitter~~ detector comprises a receiver for detecting acoustic vibrations of a ring generated by said mobile telephone when said call is received, ~~thereby detecting said call without modifying electronic circuits of said mobile telephone.~~

33. (re-presented – formerly dependent claim 20) A process for producing a high power acoustic signal for use with a standard portable mobile telephone connected to a charger in a sleep mode, comprising the steps of:

autonomously detecting a call from a calling station without modifying electronic circuits of said mobile telephone by detecting variations in charging current of said charger;

generating a detection signal when said call is detected; and

emitting said high power acoustic signal in response to said detection signal to alert user of said mobile telephone of said call comparable in power to that of a ring of a domestic telephone instrument, thereby alerting even said user remote from said mobile telephone.

34. (re-presented – formerly dependent claim 29) Apparatus for producing a high power acoustic signal for use with a standard portable mobile telephone, comprising:

a charger connected to said mobile telephone in a sleep mode;

a detector for autonomously detecting a call from a calling station by detecting variations in charging current of said charger, thereby detecting said call without modifying electronic circuits of said mobile telephone;

a signal generator for generating a detection signal when said call is detected by said detector; and

an emitter for emitting said high power acoustic signal in response to said detection signal to alert user of said mobile telephone of said call comparable in power to that of a ring of a domestic telephone instrument, thereby alerting even said user remote from said mobile telephone.

35. (new) A process for producing a high power acoustic signal for use with a standard portable mobile telephone, comprising the steps of:

autonomously detecting a call on said mobile telephone, separately located but in close proximity, by detecting an acknowledgement signal transmitted by said mobile telephone on receipt of said call from a calling station, thereby detecting said call without modifying electronic circuits of said mobile telephone; and

emitting said high power acoustic signal in response to the detection of said acknowledgement signal to alert user of said mobile telephone of said call comparable in power to that of a ring of a domestic telephone instrument, thereby alerting even said user remote from said mobile telephone.

36. (new) Apparatus for producing a high power acoustic signal for use with a standard portable mobile telephone, comprising:

a detector for autonomously detecting a call on said mobile telephone, separately located but in close proximity, by detecting an acknowledgement signal transmitted by said mobile telephone on receipt of said call from a calling station, thereby detecting said call without modifying electronic circuits of said mobile telephone; and

an emitter for emitting said high power acoustic signal in response to the detection of said acknowledgement signal to alert user of said mobile telephone of said call comparable in power to that of a ring of a domestic telephone instrument, thereby alerting even said user remote from said mobile telephone.